

<b>STN</b>	<b>Potraviny</b> <b>Dôkaz alergénov v potravinách molekulárnymi biologickými metódami</b> <b>Časť 4: Arašidy (<i>Arachis hypogaea</i>)</b> <b>Dôkaz špecifickej sekvencie DNA v čokoláde metódou PCR s priebežnou analýzou</b>	<b>STN</b> <b>EN 15634-4</b>  56 0131
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Foodstuffs - Detection of food allergens by molecular biological methods - Part 4: Peanut (*Arachis hypogaea*) - Qualitative detection of a specific DNA sequence in chocolate by real-time PCR

Táto norma obsahuje anglickú verziu európskej normy.  
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 12/23

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English Version

Foodstuffs - Detection of food allergens by molecular biological methods - Part 4: Peanut (*Arachis hypogaea*) - Qualitative detection of a specific DNA sequence in chocolate by real-time PCR

Produits alimentaires - Détection des allergènes alimentaires par des méthodes d'analyse de biologie moléculaire - Partie 4 : Arachide (*Arachis hypogaea*) - Détection qualitative d'une séquence d'ADN spécifique dans du chocolat, par PCR en temps réel

Lebensmittel - Nachweis von Lebensmittelallergenen mit molekularbiologischen Verfahren - Teil 4: Erdnuss (*Arachis hypogaea*) - Qualitativer Nachweis einer spezifischen DNA-Sequenz in Schokolade mittels Real-time PCR

This European Standard was approved by CEN on 16 January 2023.

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EUROPEAN COMMITTEE FOR STANDARDIZATION  
COMITÉ EUROPÉEN DE NORMALISATION  
EUROPÄISCHES KOMITEE FÜR NORMUNG

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**EN 15634-4:2023 (E)**

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## European foreword

This document (EN 15634-4:2023) has been prepared by Technical Committee CEN/TC 275 “Food analysis – Horizontal methods”, the secretariat of which is held by DIN.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by August 2023, and conflicting national standards shall be withdrawn at the latest by August 2023.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN shall not be held responsible for identifying any or all such patent rights.

This document supersedes CEN/TS 15634-4:2016.

In comparison with CEN/TS 15634-4:2016, the following technical modifications have been made:

- a) the document was converted from a Technical Specification into a European standard;
- b) normative references and terms and definitions clause added;
- c) PCR controls moved from Clause 3 “Reagents” to Clause 7 “Procedure”;
- d) new subclause 7.4.9 “Accept/Reject criteria” added;
- e) restructured clauses in alignment with EN 15634-2:2019.

Any feedback and questions on this document should be directed to the users’ national standards body. A complete listing of these bodies can be found on the CEN website.

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**EN 15634-4:2023 (E)****Introduction**

For the use of this document the term:

- 'shall' indicates a requirement;
- 'should' indicates a recommendation;
- 'may' indicates a permission;
- 'can' indicates a possibility and/or a capability.

## **1 Scope**

This document specifies a method for the detection of peanut (*Arachis hypogaea*) in chocolate.

Real-time PCR (Polymerase Chain Reaction) detection of peanut is based on an 86 bp (base pair) sequence from the Ara h 2 gene of peanut.

## **2 Normative references**

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 15634-1:2019, *Foodstuffs - Detection of food allergens by molecular biological methods - Part 1: General considerations*

EN 15842, *Foodstuffs - Detection of food allergens - General considerations and validation of methods*

**koniec náhľadu – text ďalej pokračuje v platenej verzii STN**